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II. Mr Sam. Brown *his seventh Book of East India Plants, with an Account of their Names, Vertues, Description, &c.* By James Petiver, Apothecary, and Fellow of the Royal Society. *These Plants were gathered between the 15th and 20th of June, A. D. 1696. in the ways between Fort St George and Trippetec, which is about 70 miles off.*

249. *Cora calunga Malab.*

**T** *Rafi Orientale* radice Olivari. an. *Cyperus rotundus Orientalis* S. B. 7. 249. major C. B. 13. 1. *Theatr.* 208. c. 12. 1. *H. Ox.* Sect. 8. pag. 236. 2. *Tab.* xi. *Ser.* 1. *Fig.* 2. This Plant is said to be in *Rawolphs* Collection: Dr *Plukenet* also in his *Almagest.* p. 127. 8. pretends to have it. The *Roots* of this next the *Leaves* are fibrous, to which lower adhere others as it were *Neck-laced* and *Strung*, which are oblong like those of *Drop-wort*. The *Leaves* are long and narrow, its *Panicles* are Greenish mixt with Red, these are frequently prolificious, yet seldom more than 4 or 5 *Cocks-foot-like* spikes, at the end of each slender pedicle.

I distinguish all those *Cyperuses* by the name of *Traffas* have compressed squamose panicles, like the *Gramen Filiceum*, *Amorettes* or *Gr. Amoris*, whose lesser spikes grow very like some of our *Dactylons*. This is *Cyperus-grass*, the Natives give the Decoction of the *Root* in *Fevers*, *Jaundice* and *Obstructions* of the *Liver* here are many *Species* of it, S. B.

N. B.

250. *Comachee pillee Malab.*

*Squinanth.* or *Camels Hay* *Angl.* *Juncus odoratus* *Lat.* Σ κείρος S. B. 7. 250. ἀερματικός *Grec.* *Schananthum Officinis, Belgis & Italis.* *Camdischeuu* *Germ.* *Pasteure de Chameau* *Gall.* *Adhar & Adhir* *Arab.* *Sachbar Arabiae incolis.* *Giunco Odorato & Squinantho Ital.* *Paya de la Mequa* *sive* *Paya de Chamellis* *Hisp.* *Palca de Mecka & Paltus Camelorum vugo.*

*Schænanthus odoratus* Officinarum nobis. *Schænanthe* Pomet. lib. 6. p. 172. cap. 1. Fig.

*Schænanthus* five *Juncus odoratus* I. B. v. 2. l. 18. p. 515. c. 223. Fig. *Cabr.* 196. Fig. 1.

*Schænanthum* Ger. 39. Fig.

*Schænus* Cord. in *Diosc.* p. 4. c. 16. *Schænus* seu *Schænuantus* Cord. Hist. 199. c. 54. Fig. mala 200.

*Schænanthus* & *Juncus odoratus* Offic. Dale 374. 3.

*Schænanthus* Ray H. Pl. 1310. c. 4.

*Giunco odorato* *Durant.* 212. Fig. 1.

*Gramen* *Dactylon Maderaspatense*, cum pluribus spicarum paribus ad summum caulis velut in verticillas positis *Pluk.* Tab. 119. Fig. 2. *Alm. Bot.* 175. 6. *Gramen* ad Juncum accedens aromaticum majus *Syriacum* H. Ox. *Sell.* 8. p. 229. Tab. 9. Fig. 25. *Gramen* *Dactylon* aromaticum, multiplici panicula, spicis, brevibus tomento candicantibus ex eodem pediculo binis *Pluk.* Tab. 190. Fig. 1. *Alm. Bot.* 175. 5.

*Juncus odoratus* C. B. in *Matth.* 56. Fig. *Chuf.* Exot. 203. c. 34. Fig. *Fragos.* 60. c. 28. *Garz.* 137. c. 34. *Juncus odoratus* tenuior *Park.* 144. Fig. *Juncus odoratus* five *aromaticus* C. B. 11. 1. *Juncus* *Odoratus* five *Aromaticus* qui *Squinanthum* Officinis quasi *aromaticus* *Junci* *flor.* C. B. *Phyt.* 31. 12. *Juncus odoratus* five *Schænanthus* *Ad.* 42. *Juncus rotundus aromaticus* C. B. *Theat.* 163. Fig.

I take the *Codipulu* of the *Hort. Malab. Vol.* 12. Tab. 57. p. 107. to be a Species of this, if not the same, the Figure pretty well agreeing with it, particularly the separate *Squamae* and *Flowers*, which are express'd towards the bottom of the Table on the left hand, and farther to confirm it in the *Description*, there is notice taken, that its *Leaves* are of an *Aromatick* scent.

Dr *Plukenet* has needlessly *figured* this Plant twice over, since his first Figure (which was from a Specimen I gave him) is much truer than the last, viz. Tab. 119. Fig. 2. & Tab. 190. Fig. 1.

This is *Schænanth*, which the *Natives* here have not in great Esteem, sometimes in the *Moors Camps*, the *Horses*, *Camels* and *Oxen*, which carry burthens eat nothing else, it's generally 2 or 3 foot high, here about, but near *Color* in rich Soyl, I have seen it 8 foot high, and thick as a Quill or small Reed: It's sometimes by the *Natives* put into their *Decoctions* for *Fevers*, and is good for *Coughs* and *Thrush* in Children, and with us is deservedly of more esteem. S. B.

251. Vettever *Malab.*

S. B. 7. 251

*Gramen Madraspatanum* majus, cujus locustæ spinulis armatæ sunt. *Mus. Petrocr.* 559.

These *Roots* are very long, fibrous and whitish, of a fragrant smell whilst fresh, the *Leaves* are long, stiff and flag-like, but narrow; its *Panicle* is Reed-like but not downy, composed of many slender *Spikes*, each composed of small rough, or rather serrated squamæ.

The *Natives* use a *Decoction* of the *Root* for *Fevers*, *Rheumatisms*, *Janne*, &c. S. B.

251. a. Vafna pillè *Malab.*

S. B. 7. 251. a.

*Gramen Citratum* fragantissimum e *Madraspatan.* *Mus. Petrocr.* 586.

*Dr Plukenet* makes this a *Cyperus* grass, but for what reason I know not, having as yet seen nothing but its *Leaves*.

This is a most delicate sort of *Fragrant Grass*, which being rubb'd, smells like *Baume* and *Lime* or *Limon-peel* together. The *Portuguese Women* fume their Children with it, and give the *Decoction* of it with other things for *Fevers*, and to strengthen weak *Stomachs*; but the *Natives* use it not, which together, with its growing in *Gardens* on the *Sea Coast*, and not up the *Country*, as I can yet observe, makes me think the *Portuguese* brought this from other parts and planted it here; certainly so excellent a Plant of such *Fragrant* and *Aromatick taste* must have many *Vertues*. I use it in many cases, and generally with success. While I was writing this, in came a Person, who says, that about 30 years ago, viz. about 1666. one *Antonio Palia* brought 3 Pots of this *Grass* from *Batavia* to *Paliacut*, one of which he sent to a *Garden* here at *Madras*.

252. Neer chenden nelle *Malab.* Rice *Anglis* *Arz. seu Arzi Arab.* *Reys Fl. Ris Gall.* *Reisz Germ.* *Opula Græc.* *Atroz seu Arroiz Hisp.* *Riso Ital.* *Oryza Lat.* *Oryza vulgaris aristata nob.* S. B. 7. 252

*Oryza* Ad. 12. Aug. 98. C B. in *Matth.* 326. c. 88. Fig. C B. Phyt. 52. C B. *Theatr.* 479. c. 29. Fig. I B. V. 2. l. 18. p. 451. c. 48. Fig. I B. *prodr.* 50. p. 35. *Bod.* 362. *Brunf.* Tom. 2. app. p. 15. *Cam. Hort.* 113. pl. 6. *Chabr.* 174. Fig. 4. *Cord.* in *Diosc.* 42. c. 117. *Diosc.* Ind. 37. *Phil.* 35. *Dod. Pempt.* 509. c. 28. Fig. *Ger.* 72. c. 52. Fig. *Ger. emac.* 79. Fig. *Cat. Pl. Jam.* 24. *Lacun.* 185. *Lob. Icon.* 38. *Lob.* 23. Fig. 3. *Lonic.* in *Diosc.* 34. l. 2. c. 85. *Lugd.* 407. l. 4. c. 16. Fig. *Matth.* 254. l. 2. 88. Fig. *Munt.* 4to 551. c. 346. *Munt. Hist.* & *Phyt. curios.* 797. c. 366. H. *Oxon. Sect.* 8. p. 201. c. 15. 1. Tab. 7. *Ser.* 3. Fig. 1. *Park.* 1136. c. 22. Fig. *Ray H. Pl.* 1246. c. 6. *Ryff*

in *Diosc.* 232. pro 132. l. 2. c. 87. *Tabern.* 676. Common bearded Rice.

253. Chenduppee Corea. *Malab.*  
*S. B.* 7. 253. *Cyperus Madraspatanus Allij* capitulo. *an.* Pee Mottenga *Malab.* i. e. Mottenga *sylvestris.* Badera musta *Bram.* H. *Mal* V. 12. *Tab.* 53. p. 99. *an.* *Cyperus fibratus*, spicis subrotundis magnis singularibus folijs sessilibus *H. Oxon.* Sect. 8. p. 238. 28.

This is distinguished from others, particularly from No 273. following, in having but one head and its *squama* large and turgid, the *Leaves* about it very long, narrow and seldom fewer than 4 or 5.

254. Arfee pillee *Malab.*  
*S. B.* 7. 254. *Panicum Madraspatanum* minus spica densiore multiplici. *an* Gramen *Panicum Curassavicum*, paniculis in spica longa dispositis, *P. B.* pr. 337. This comes next to Dr *Plukenet's* Gramen *Panicum* multiplici spica *Maderaspatanum* *Phyt. Tab.* 191. Fig. 1. but that the *Spikes* of this are thicker and stand closer together.

255. Aune Coodee *Malab.*  
*S. B.* 7. 255. *Cyperus Madraspatanus* maximus, spicis tenuibus, glumis *semini Santonici* similis.

Each *Panicle* stands on longer or shorter footstalks, some more than 6 inches from the basis, others without any, these are composed of 6 or 8 spikes, surrounded with oblong squamose heads resembling *Wormseed*, by which it may be easily known from all others, the longest of these *Spikes* rarely exceeds 3 inches. From the basis of the *Panicle* extend several *flag like* leaves of different growth, *viz.* some more than an inch broad and 2 foot long.

256. Palea muta coree *Malab.*  
*S. B.* 7. 256. *Randalia Madraspatana* Graminis folio globulifer *Mus. Petiver.* 796. Scabiosa Graminifolia nudicaulis, capitulis argenteis. f. *Statice* minima *Maderaspatana* *Pluk. Phyt. Tab.* 221. Fig. 7. *Alm. Bot.* 336. pl. 9.

This is neither a *Scabious* nor *Thrift*, but a peculiar Plant with a small white globular head and Grassy leaves.

257. Vana malle coddee *Malab.*  
*S. B.* 7. 257. *Cyperus Madraspatanus* minimus *Xanthoides* *Mus. Petiver.* 598. *an* *Scirpus omnium minimus Indicus*, capitulis villosis *Instit. Rei Herb.* 528. pl. ult.? This is a very elegant, small prolifick Grass, the *Roots* shooting from one to another, 'tis full of small Bur-like heads, generally one on a stalk, sometimes two, and very rarely 3, it hath a short beard from the Head and a longer above, *viz.*  $\frac{1}{2}$  an inch or thereabout.

258. Mautangee pilloo *Malab.*

S. B. 7. 258.

*Alopecurus Malabarica* folijs undulatis spica prætenue. *Gramen* Pluk. Tab. 119. Fig. 1. geniculatumbrevifolium crispum, spica purpureo sericea *Maderaspatanum* Pluk. Tab. 119. Fig. 1. *Alm. Bot.* 177. pl. 4. *Alopecurus Madraspatana*, folio brevi crispo, spica purpureo sericea *Hist. Oxon.* H. Ox. f. 8. Sect. 8. p. 191. 7. & *Alopecurus Indica* spica longiore nigricante p. 191. 7. *H. Ox.* S. 8. p. 191. 5. *Tsjeria Kuren pullu Malab.* Tana *Bram.* H. Malv. 12, Tab 62. p. 117. *Hort. Malab.* Vol. 12. Tab. 62. p. 117.

This is easily distinguished from all others by its curl'd Leaves, and long slender bearded spike.

259. Narree pillee *Malab.*

S. B. 7. 259. Ray H. Pl.

*Gramen Paniceum* spica simplici levi *Roy Hist. Plant.* 1261. Its smooth, yellowish shaven Arista or Beard, distinguishes it from the rest with single Spikes of this kind.

260. Naunducal pillu *Malab.*

S. B. 7. 260. Musf. Petiver

*Panicum Madraspat.* perelegans feminibus perlatis *Musf. Petiver* 560. This rare Grass hath a fibrous Root and very hairy Leaves; it bears its Spikes from near the bottom to the top of its Branches, each are composed of small round Poppy-like Seed, one above another, yet somewhat alternately, in some measure resembling the Pods of *Ornithopodium* or *Birds foot*.

261. Taüta Correa *Malab.*

S. B. 7. 261. Pluk. 192.

*Juncus Madraspatanus minor.* an *Gramen Juncum* f. *Juncus foliaceus humilis caule rotundo Maderaspatensis* Pluk. Tab. 192. Fig. 6. & *H. Ox.* S. 8. p. 232. 19. *H. Ox.* f. 8. p. 232. 19.

Some of these are a Span and  $\frac{1}{2}$  high, others but 3 inches from the Root which is fibrose; its Tufts are composed of several oblong square thick Heads, these have no Leaves from its Tufts as No 282. The Seed is very small and black.

262. Tune adde pille *Malab.*

S. B. 7. 262. Pluk. Tab.

*Gramen Madraspat.* hirsutum glomerulis echinatis. an *Gramen hirsutum Indicum* glomeratis capitulis *Lagopi æmulis*, glumæ squamulis plurimis purpurascens arista unica donatis compactili Pluk. Tab. 190. Fig. 7. *H. Ox.* S. 8. p. 193. 26. & p. 224. 3. This is distinguished from all others by its hairy Leaves and Heads somewhat like Bur Reed, but much less, or rather some of the knotted Trefoil, and from S. B. 4. 176. that being larger, and the Squamæ of its heads softer and closer, resembling those of the *Juncus capitulis Equiseti*, C. B. *H. Ox.* f. 8. p. 224. 3. S. B. 4. 176.

- S. B. 7. 263. 263. Kairupum bilie *Malab.*  
*Dactylon Madraspat.* minus Arundinaceum folijs brevioribus te-  
 neris. This differs from S. B. 292. in having its Leaves shorter,  
 3. E. 7. 292. broader and thinner.
- S. B. 7. 264. 264. Poo-pillee *Malab.*  
 Musf. Petiv. Under this *Malabar Name* is sent 2 varieties of *Cocksfoot* Grasses,  
 61. viz. 1. *Gramen Dactylon Madraspatanum* spicis villosis flavescenti-  
 Musf. Petiv. bus speciosis Musf. Petiver. 61. The other *Gramen Dactylon Ma-*  
 60. *draspat.* spicis pilosis Musf. Petiv. 60. an. Kouda pullu *Malab.*  
 H. Mal. v. 12. Tana Bram. H. Mal. Vol. 12. Tab. 51. p. 95. ? an. *Gram. Dactylum*  
 Tab. 51. p. 95. *Indicum* spicis villosis subrufescentibus H. Ox. f. 8. p. 185. pl. 15.  
 H. Ox. f. 8. p. 185. 15. Tab. 3. fer. 2. Fig. 15. ? an *Gr. Dactylum* elatius spicis plurimis  
 Marcgr. p. 1.1. tomentosis Cat. Pl. Jam. 33. an *Graminis* 1 species *Marcgr.* p.  
 1. ? This differs from the first in having brownish spikes and short-  
 er awns.
- S. B. 7. 265. 265. Shanee Coree *Malab.*  
 Musf. Petiv. *Cyperus Filicinus* medius, panicula comosa e *Madraspatan*  
 593. Musf. Petiver 593. an *Gram. Junceum* minus *Indicum* spiculis plu-  
 H. Ox. f. 8. p. rimis parvis in capitulum digestis H. Ox. f. 8. p. 227. 8. ? an *Mulen*  
 227. 8. pullu H. Mal. v. 12. Tab. 54. p. 101. ?  
 H. Mal. v. 12. These *Panicles* grow in Tufts, never exceeding an inch from the  
 Tab. 54. 101. Base, which is guarded with unequal *Leaves*, some above 5, others  
 not one inch long : Its *Root* thready, and as it were hoary. It  
 grows from  $\frac{1}{2}$  a Span to near 2 Foot high.
- S. B. 7. 266. 266. Chendu Correa *Malab.*  
 Juncus coniferus *Madraspat.* major.  
 S. B. 7. 271. an *Gramen Cyperoides* *Madraspat.* caule compresso, sparsa pani-  
 Pluk. Tab. cula *Junci Pluk.* Tab. 192. Fig. 5. ? This differs from No 271 and  
 192. Fig. 5. 300, in being much larger, taller and stalk flattish.  
 S. B. 7. 300. 300.
- S. B. 7. 267. 267. Peacaramboopu *Malab.*  
 Arundo *Madraspat.* plumosa flavescens.  
 This differs from the next in having much broader *Leaves*, and  
 its *Panicles* less downy, and very full of small *Seed*, with brown  
 yellowish tips.
- S. B. 7. 268. 268. Naunel pu *Malab.*  
 H. Ox. f. 8. p. Arundo *Madraspat.* panicula sericea albiissima.  
 219. 8. an Arundo *Indica* cava H. Ox. f. 8. p. 219. 8. an *Kerpa* *Malab.*  
 H. Mal. v. 12. Bala Bram. H. Mal. v. 12. Tab. 46. p. 85. ?  
 Tab. 46. p. Its *Leaves* are narrow, long and apt to convolute, or closeround  
 85. the *Panicle* downy and very white, each single spike much resem-  
 bling those which lie in the *Codded Willow Herb*.

269. Maudu Corea *Malab.*

*Trafi Madraspat.* panicula speciosa rufescente.

*S. B.* 7. 269.  
*Musf. Petiv.*

*Cyperus longus Madrasp.* panicula rufescente speciosissima *Musf.* 589.

*Petiver.* 589. This differs from 249, in having more elegant *Panicles*, thicker set and of a rusty colour, each squamose head resembles those of the common *Amouretts*, but are lesser.

270. Calla pillée *Malab.*

*S. B.* 7. 270.

*Schœnanthus major Madraspat.* glumis Roseis *Musf. Petiver.* 574. *Musf. Petiv.*

This is easily known from the other *Schœnanths* in having hollow Oat-like husks, 8 or 10 together disposed into a Rose fashioned tuft, each terminating pointed with a short hair like arista or beard.

271. Coddane codee *Malab.*

*Juncus coniferus minor Madraspatanus* capitulis rotundioribus. *S. B.* 7. 271.

*Juncus Orientalis* panicula speciosa e *Maderaspatan* *Pluk. Tab. Fig. 3. H. Ox.* 95. Fig. 2. *Cyperus minor Maderaspatensis*, panicula sparsa e locustis rotundis composita *H. Ox. f. 8. p. 238.* 29. *an. Gram. Luzon. 1. Ca-* 29. mel. *Mß. in Delineat. ?*

272. Pauni pillé *Malab.*

*S. B.* 7. 272.

*Amourettes Madraspat.* cristata minor, spica brevior viscosa.

What is peculiar in this *Love-grass* is its having just under each spike, its stalk clammy, as in the *Muscipula* *Lobelij* or *Lobells Catch Fly*.

273. Mucutang Corea *Malab.*

*S. B.* 7. 273.  
*Cat. Pl. Jam.*

*Cyperus Jamaicensis* fere tricephalus.

*Gramen Cyperoides* minus spica compacta subrotunda viridi, radice odorata *Cat. Pl. Jam.* 36. pl. 7. *Juncellus Madraspat.* capitulis compactioribus, acumine bifido longiori *Pluk. Tab. 197. Fig. 7. H. Ox. f. 8. p. 232.* 10. *an Cyperus rotundus Indicus* capitulis subrotundis conglemeratis *H. Ox. f. 8. p. 236.* 7. ? *an Malobotonones Luzonensis.* *H. Ox. f. 8. bus Camelli Mß & delineat. an Mottenga Malab. Musta Bram.* 236. 7. *H. Mal. v. 12. Tab. 52. p. 97.*

The *Heads* are small, round, and seldom more than 3, the middlemost is biggest, the rest set round it; these often when ripe rub off, and the stalk in the middle only remaining (to which the Seed stuck) it very much resembles a Mouse-tail: The *Leaves* about the Head are generally 3, and sometimes 4, but are much broader, shorter and stiffer than No 253. It *Flourishes* in *September*. Dr *Sloan*, who hath found this same *Cyperus* in *Jamaica*, observes the *Roots* to be fragrant, tho thready as the *Hort. Malab.* also does of the *Mottenga*. I have samples of this near 2 Spans long.



S. B. 7. 274.

274. Neer Naunel pu *Malab.*Gramen pratense *Madraspat.* panicula longissima.The *Glume* or *Husk* of this Grass is mighty small, the *Spike* or *Panicle* long, but not much spread.

S. B. 7. 275.

275. Code mutta ge pille *Malab.*

Pluk. Tab.

Daetylon *Madraspatan.* erectum fere tetrastricon.

300. Fig. 8.

Alm. Bot.

175. pl. 2.

Gr. Ischemen *Malabar.* speciosius longioribus & mucronatis folijs *Pluk.* Tab. 300. Fig. 8. it may also be the same which Dr *Plukenet* calls *Gram.* Daetylon *Oriente* stellatum spica elegantiori e *Madraspatan.* Alm. Bot. 175. pl. 2.

This grows upright from a fibrose Root, hath very long Leaves, and generally but 4 spikes together, which distinguishes it from another I have received from thence, viz. Daetylon *Madraspatanum* procumbens spicis fere quinquifidis Of all the Grasses yet Figured the Gramen *Stellatum* *Aegyptium* *Veslingij* p. 53. seems the nearest to resemble this last Grass, because some of these Spikes are shorter than others, and that it Roots at several joyns, which *Veslingius* complains his Figure does not express; it rises about a foot high, which also agrees with the description.

S. B. 7. 275.  
2.276. Coondumanne poondoo *Malab.*

S. B. 7. 276.

Mus. Petiv.

446.

Mus. Petiv.

447.

Here are 2 Varieties of this Plant, viz. Perexil *Champaccensis* humilis polycephalus albus capillaceo folio *Mus. Petiver* 446. & Perexil *Champaccensis* capitulis carneis capillaceo folio *Mus. Petiver* 447. Besides its colour, this last grows longer than the other.

277. Nelle matche pille *Malab.*

S. B. 7. 277.

Pluk Tab. 190.

Fig. 4.

H. Ox. f. 8.

p. 204. 56.

Gramen *Madraspat.* pratensis facie, glumis minimis. an Gram.*Madraspat.* panicula spicata longa speciosissima *Pluk.* Tab. 190. Fig.

4. H. Ox. f. 8. p. 204. 56. ?

278. Caudere pille pu *Malab.*

S. B. 7. 278.

Mus. Petiver

579.

Amourettes *Madraspatan.* spica simplici Loliacea *Mus. Petiver*

579.

This elegant Grass is not ramose, but bears its single Panicles (which very much in shape and magnitude resemble the Common Love Grass, viz. S. B. 7. 294.) in one spike alternately, and sometimes inclining to one side without footstalks.

279. Wootare pille pu *Malab.*

S. B. 7. 294.

S. B. 7. 279.

Mus. Petiver

64.

Gramen Daetylon *Madraspatan.* spicis aristatis singulis, binis, ternisve *Mus. Petiver.* 64.

This grows sometimes 2 foot high, its spikes uncertain, commonly 2 or 3, and sometimes single.

280. Cauducu pille *Malab.**Milium grano acuto basi geniculato.*

It grows in *Spikes*, the *Grains* pointed, and each stands as it were in a blackish ring or socket.

281. Pange pille *Malab.**Amourettes Madraspat. panicula sparsa, locustis parvis.*

S. B. 7. 280.

Pluk. Tab.

*Gramen Amoris Indiae Orientalis* panicula sparsa, glumarum petiolis huc illuc undatim reflexis *Pluk. Tab. 190 Fig. 3. H. Ox. f. 8. p. 204. 55. ?*

190. Fig. 3.

H. Ox. f. 8. p.

204. 55.

This comes next to S. B. 7. 293. where you will see how it differs.

282. Mier Coree *Malab.*

S. B. 7. 281

*Juncus Madraspat. minimus stellatus.*

This proceeds from a brown threddy *Root*, from whence grow thick tufts of *Grass*, rarely exceeding 3 inches; its heads are many, small, squamose and conical, each guarded with a *Beard* or two, the longest of which almost equals in length the *Rush* or top one.

283. Ponne pille *Malab.*

S. B. 7. 283.

*Aegilops Madraspat. glumis pilosis aristatis.*

*Gramen Secalinum Indicum* spica gracili tomentosa aristis longioribus ad se invicem intortis. *Pluk. Tab. 191. Fig. 4. H. Ox. f. 8 p. 190. 9. Tab. 4. Ser. 3. Fig. ult.* These beards resemble the *Seed of Geranium* or *Cranes Bill*.

284. Maudentauru pille *Malab.*

S. B. 7. 284.

*Panicum Madraspat. spica longissima non mistata.**Milium Madraspat. spica simplici pretenu.* *Mus. Petiver 563. Mus. Petiv.*

The *Spike* of this resembles that of *common Plantain*, but is much longer, viz. some a foot or more.

285. Tundange pille *Malab.*

S. B. 7. 285.

*Gramen Madraspat. e singulis geniculis ramosum.* This may be of the *Millet* kind, but being an imperfect Specimen, I dare not affirm it.

286. Pca pille *Malab.*

S. B. 7. 286.

*Panicum Madraspat. latifol. spica asperi facie latiore.*

This resembles our *Rough Panick Grass*, which is sometimes found wild with us (but oftner in *Gardens*) but its *Leaves* are broader, as is its *Spike* and more loose, but less rough.

287. Souta Cora *Malab.*

S. B. 7. 287.

*Juncus Malabar. major, super capitulum tantum geniculatus, Nobis. Juncus conglomeratus Madraspatensis acumine geniculato*

Pluk. Tab. 127.

Fig. 6.

K k k k k k k k

Pluk.

*H. Ox. f. 8. p. Pluk. Tab. 197. Fig. 6. H. Ox. Sect. 8. p. 231. 9. Juncus Indicus*  
*231. 1 & 9. major stylis geniculatis H. Ox. f. 8. p. 231. 3. Tijelli Mal. Tana pocala*  
*H. Mal. v. 12. Bram. H. M. Vol. 12. Tab. 71. p. 135.*

*Tab. 71. p. 135. What is most remarkable in this Bull rush is, its being joyned*  
*above the head only and not below.*

*S. B. 7. 288.*

*Mus. Petiv.*

*599.*

288. Coop pu Corae Malab.

*Juncus Madraspat. fere tricephalos, squamis tortilibus dentatis*  
*Mus. Petiver 599. This is a very elegant Rush, and its peculiarity*  
*is rarely to exceed 3 heads on one Rush, the Scales of which are*  
*twisted, and as it were serrated. Its commonly about a foot*  
*high.*

*S. B. 7. 289.*

*Mus. Petiv.*

*570.*

*H. Ox. f. 8 p.*

*185 pl. 10.*

*Car. Pl. Jam.*

*33. pl. 8.*

*M. Mal. V. 12*

*Tab. 44. p.*

*81.*

*S. B. 7. 290.*

*Mus. Petiv.*

*591.*

*H. Ox. f. 8. p.*

*236. pl. 5.*

*S. B. 7. 294.*

289. Ponne varaga pille Malab.

*Sesamum granulofum bicornie minus Madraspatanum. Mus. Pe-*  
*tiver 570. an Gramen Dactylon repens Indicum spica gemella H.*  
*Oxon. f. 8. p. 185. 10. an Gr. Dactylon bicornie repens, folijs latis*  
*brevibus Car. Pl. Jam. p. 33. 8. an Tereta pullu Hort. Mal. v. 12.*  
*Tab. 44. p. 81.?*

290. Tear Corae Malab.

*Cyperus Madraspat. maximus, panicula cristata contractiore.*  
*Mus. Petiver 591. Cyperus Orientalis major, paniculis turgidio-*  
*ribus densius stipatis H. Ox. f. 8. p. 236. 5. Each single Spike re-*  
*sembles that of the Love-grass, No 294. following. These are*  
*thick-set in oblong heads, which sometime spawn or divide at the*  
*bottom, they are commonly an inch long, and sometimes more,*  
*standing on footstalks of an unequal length, from  $\frac{1}{2}$  an inch or scarce*  
*any to 5 or 6.*

*S. B. 7. 291.*

291. Corki pillu Malab.

*Donax Madraspat. vulgaris facie. an Arundo Indica farcta major*  
*H. Ox. f. 8. p. 220. 14. ? an. Nain Canna f. Canna sylvestris Ma-*  
*lab. Piscobo Bram. H. Mal. Vol. 12. Tab. 73. p. 139.*

292. Colirarru pillu Malab.

*S. B. 7. 292.*

*Lugd. 421.*

*Fig. 2.*

*C. B. 3. pl. 3.*

*C. B. Theatr.*

*113. Fig. 3.*

*H. Ox. f. 8.*

*p. 184. Tab. 3.*

*Fig. 4. Ser. 2.*

*Pluk. Tab.*

*189. Fig. 3.*

*Dactylon Arundinaceum minus. Gramen vulgare Dalech. Lugd.*  
*421. Fig. 2. whose Figure it very well resembles. Gramen Dacty-*  
*lon folio Arundinaceo minus C. B. 8. pl. 3. Theatr. 113. Fig. 3. H. Ox.*  
*f. 8. p. 184. Tab. 3. Fig. 4. Ser. 2. I take Dr Plukenets Gramen*  
*geniculatum folijs brevibus aculeos mentientibus Madraspatanum,*  
*Tab. 189. Fig. 3. to be nothing else than the creeping part of this*  
*Grass, having samples very like it, and this part is often sent with-*  
*out its spikes, as may be seen in the first Leaf of this Collection*  
*This differs little from the Gramen legitimum Clus. Hist. l. 6. p. 217.*  
*Fig. and its smallness may proceed as the Botan. Monspet. p. 112.*  
*says from its growing in dryer places.*

293. Mul-

293. Mulgaudepillu *Malab.*

S. B. 7. 293.

Amourettes *Madraspat.* panicula minus sparfa, locustis perexigiis.  
*This seems to grow Pyramidal, and not so expanded as No 281. the*  
*glumæ are also less and shorter.*

294. Puli pillée *Malab.*

S. B. 7. 294.

Amourettes vulgaris.

*Eragrostis* f. *Gramen* elegantissimis paniculis *CB. Phyt. p. 9. pl. 36. CB. Phyt. 9.*

*Gramen Amoris* dictum *I B. Vol. 2. l. 18. p. 470. c. 98. Eragrostis pl. 36.*

*Gr. Amourettes* *Clus. Hist. 1. 6. 218. Fig. 1. Clus. Hisp. 500. Fig. 1 B. v. 2. 470.*

*I B. prodr. 51. pl. 30.*

*Gr. Filiceum* f. *polyanthos* *Lugd. 428. Fig. 3.*

*Gr. paniculis elegantissimis, five*

*majus CB. 2. 5. Theatr.*

25. Fig. 5.

*Gr. panniculofum* *Lob. Obs. 11. Fig. 1. Gr. Panniculatum Ger.*

8. Fig. *pannic. elegans Ger. em.*

*pann. fativum Heragrostis Tab.*

*Icon. 204.*

*Gr. pratense* *VI Dod. Pempt. 561. Fig. 4.*

*Phalaris prat. major* f. *Gr. Tremulum maximum Park. 1156. Park. 1156.*

*Fig. 1.*

*Clus. Hisp. p. 500. Fig. H. Oxon. sect. 8. p. 204. Tab. 6. ser. 2 Fig.*

52. *H. Pl. Paris 457. 5. Ray H. Pl. 1274. 5.*

*This elegant Grass is frequent about Paris and Montpelier : I*  
*have also had it from Surat in the East Indies, and Virginia in the*  
*West.*

295. Cavaree Codee *Malab.*

S. B. 7. 295.

*Dactylon Malabar. maximum* *esculentum.*

*Gramen Dactylon Orientale* *majus Frumentaceum, femine Napi*

*Pluk. Tab. 91. Fig. 5. H. Ox. f. 8. p. 185. 13. & Gramen Dactylon Pluk. Tab. 91.*

*Indicum, feminibus rotundis H. Ox. f. 8. p. 186. 20. Tsjetri pullu Fig. 5.*

*Malab. Nazano Brach. H. Mal. V. 12. Tab. 78. p. 149. Coracan H. Ox. f. 8.*

*Knox Hist. Ceyl. p. xi. The breadth and largeness of the Spikes di-*

*tinguishes it from the rest of this kind:*

296. Mile Corea *Malab.*

H. Mal. v. 12.

*Cyperus Borneocus Limonij* *panicula.*

*Tab. 78. p. 149.*

*S. B. 7. 296*

*This has several Panicles much expanded. each Spike is very slender*  
*and alternately set, as are its minute squamæ, which resemble*  
*(tho much less) the Limonium or Sea Lavender, before its Flowers*  
*come forth.*

*My worthy Friend, Mr Sylvanus Landon, first brought me this*  
*Plant from Borneo.*

S. B. 7. 297.

297. Shegapu Corea Malab.

*Juncus Madraspat.* capitatus minor.

Its Root long and fibrous, Leaves small and narrow, Heads somewhat like Trefoil, bearded with 2 or 3 short Leaves, This grows about 4 inches high.

S. B. 7. 298.

298. Mash Corae Malab.

Muf. Petiver  
592.

*Cyperus Filicinus* medius panicula sparsa e *Madraspatan*, Muf. Petiver 592.

The main difference between this and No 265. is its panicle, which is here ramose or proliferose; this is also generally a lower Grass.

S. B. 7. 299.

299. Cumboo pillée Malab.

*Gramen Dactylon Madraspatanum* Graminis *Manna* facie. an *Gram. Dactylon esculentum*, C.B. 8. 8.

That accurate Botanist John Baubine, I observe takes this last, and the *Gramen Dactylon folio latiore* C.B. 8. pl. 4. to be the same, and only differ in Culture, which I am inclined to believe, the last being *Spontaneous* about Gardens, the other Cultivated in Germany: Authors I find give 2 differing Figures of the *Gramen Manna* seu *Dactylon Esculentum*, viz. one with long smooth Leaves, and few or no joynts; the other with shorter Leaves, more joynts and hairy vagini or sheaths, the first of which I take this to be a variety, if not the same.

S. B. 7. 300.

300. Arna Corea Malab.

Pluk. Tab.

119. Fig. 3.

H. Ox. f. 8. p.

238. pl. 30.

*Juncus coniferus Madraspat.* minor capitulis oblongis. *Gramen Cyperoides Madraspat.* Juncelli Gesneri capitulis sparsis Pluk. Tab. 119. Fig. 3. *Cyperus minor Madraspat.* Juncelli Gesneri capitulis H. Ox. f. 8. p. 238. pl. 30. an. *Gram. Luzen.* 2. Camel Mß cum delineatione.

This and No 271. are nicely different, if not the same, this seems to have longer heads, the other rounder.

S. B. 7. 301.

301. Coode pille poo Malab.

*Milium Madraspat.* glabrum, paniculis ac granis rarioribus. Grows from one to 3 Spans high, its Spikes rarely branched, the Seed one just above the other, and generally on one side the Spike.

S. B. 7. 302.

302. Cuctrenile pillu Malab.

S. B. 7. 272.

*Amorettes Madraspat.* cristata majus, spica longiore viscosa. This differs from No 272. in being taller and its spikes much longer and larger.

303. Colletta pille *Malab.*

S. B. 7. 303.

Pluk. Tab.

191. Fig. 6.

H. Ox. f. 8.

p. 182. 5.

*Phœnix Madraspat.* spicis plurimis e geniculis. *Gramen* Liliaceum majus spicis in verticillas multiplicatis Pluk Tab. 191. Fig. 6. Alm. Bot. 173. pl. 16. H. Ox. f. 8. p. 182. 5.

This is a tall reedy Grass, but stalk pithy, its ramose, and from every joynt comes several long Spikes, exactly resembling those of our Dwarf sea Darnel Grass, in Mr Rays Synops. p. 182. 3. ed. 2. Ray Syn. 182. pl. 3. — ed. 2. 250.

304. Vauda maule code *Malab.*

S. B. 7. 304.

*Juncus Madraspat.* capitatus major.

This is larger then No 297. otherwise very like it.

305. Velli pille *Malab.*

S. B. 7. 305.

*Dactylon Arundinaceum* vulgatissimum majus.

*Gramen Clus.* Hist. 497. fig. Ang. *Cesalp.*

*Gram. legitimum Clus.* Hist. 1. 6. p. 217. Fig.

Clus. Hist.

497. Fig. Hist.

1. 6. p. 217.

Fig. Lob. Obs.

12. Fig. 1.

Park. 1179.

Fig. 5. C B.

Phyt. 19. pl.

88.

Gr. *Canarium* alterum Ischemi paniculis, maximo Gramini mari-  
no Arundinaceo congener Lob. Obs. 12. Fig. 1. Gr. *Canarium* Is-  
chemi paniculis Park. 1179. Fig. 5. Gr. *Dactylon* secundum folio  
*Arundinaceo* C B. Phyt. 19. pl. 88. Gr. *Dactyl.* fol. *Arundina-*  
*ceo* majus (aculeatum forte Plinij C B. 7. 2.) C B. Theatr. 112. Phyt. 19. pl.  
Fig. opt.

*Clusius* has given a very good Figure of this which *Parkinson* and *Lobel* have copied, *Casp. Baubine*, pag. 7. makes this his 2d *Dactylon* & p. 8. supposes it also his 3d, which differs only in being smaller, as I have hinted before under No 292. The greater I have received from the Coasts of Spain and Portugal, and the less from the Islands of Chio and Coos.

*Lobel* in his *Observations* p. 12. takes notice, that on the Coasts of *Narbone*, its Roots are so like the common Reed, that you would say they were the same, the like I have observed of its stalks, *Casp. Baubine* might therefore more properly have termed this Grass rather *Radice* (then *folio*) *Arundinaceo*.

N. B.

306. Neer chouta corae *Malab.*

S. B. 7. 306

*Juncus* aq. minor *Madraspat.* super capitulum geniculatus. This seems to differ from *Souta cora* No 287. in being much less, not exceeding a foot. The *Malabar* word *Neer* being added to this, denotes it to grow in watry places. See S. B. Vol. 2. pl. 91

307. Narre coock pille *Malab.*

S. B. 7. 307

*Gramen Filiceum Madraspat.* spica tenuiore.

This is next of kin to S. B. 5. 218. but its Leaves are Grassy and less (the others are large and rough on the Edges like a *Cyperus*)

the Spikes of this much slenderer, and with fewer and smaller divisions.

S. B. 7. 308.

Muf. Petiv.

573.

308. *Ca verae pille Malab.*

*Dactylon* Madraspat. Gr. *Manne* facie, feminibus Cilijinfar pilosis Muf. Petiver 573.

This differs from S. B. 7. 299. in having its *Spikes* or *Fingers* shorter, and rarely more than 4 or 5, whereas No 299, has them much longer (as also its Leaves) and commonly 5 at least, but what distinguishes this most particularly, is its hairy fring'd Seed, which is very remarkable, standing out like those on our Eye-lids, but much shorter.

I take this *Ma'abar* word *pille* to signify *Grass*, and that it may be a corruption of *Pullu*, which in the latter end of the 12th Volume of the Hort. Malab. is added to above a dozen Plants, and they all of this kind.

S. B. 7. 309.

309. *Torapo Malab.*

*Bromos* Madraspat. spicis prælongis, minus sparsis.

This resembles Mr *Bobarts* *Haver Grass* or *Festuca Avenacea* *sterilis* spicis erectis Ray Synops. 237. & ed. 2. p. 261. 3. *Pluk.* Tab. 299. Fig. 2. but that these Spikes are much longer and slenderer.

*Pluk. Tab.*

299. Fig. 2.

310. *Neer pass Malab.*

S. B. 7. 310.

This may be a sort of *Potamogeton* or *Pond weed* (*Neer* signifying *Water*, as I have before hinted, viz. No 91. & No. 306.) but it being an imperfect specimen, I dare not be positive.

311. *Peele Chellendenaicum Malab.*

S. B. 7. 311.

*Milium* Madraspat. glabrum, panicula ramosissima grano minore.

This seems that sort, which when divested of its grain, is sent into *Europe* in Brushes for Cloaths.

S. B. 7. 312.

312. *Parpaticum Malab.*

*Spergula Rosea* multicaulis polyanthosæ Madraspatan, S. B. 5. 220. *sen* Aët Phil. No 276. p. 1020.

313. *Nelle monnee Malab.*

Ger. 82. c. 59.

Park 430. c. 7.

Chabr. 180.

Fig. 1. 2.

I. B. v. 2. l. 18.

p. 449. c. 46.

H. Mal. V. 12. H. Ox. f. 8. p. 249. c. 29.

Tab. 70. p.

133.

Ray H. Pl.

1252. c. 11.

*Arundo Litbosparmos* Ger. emac.

*Lachryma* vulgo *Casalp.*

*Lachryma* Job. Ger. 82. c. 59. Fig. Park. 430. c. 7 Fig.

*Lachryma* Jobi I. B. prodr. 50. pl. 34. *Clus.* Hist. 501. Fig. id. Hist.

1. 6. p. 216. Fig. *Dod.* Pempt. 506. c. 24. Fig. id. *Trag.* Hist. 71. Fig.

Tab. 13. fer. 2.

*Lachryma Jobi* vel *Mariae* Chabr. 180. Fig. 1. 2. L. J. multisive

*Milium* Arundinaceum I. B. v. 2 l. 18. p. 449. c. 46. Fig.

La-

*Lachryma Jodocy* alijs *Jobi* Gesn. *H. Germ.* app. 293.

Lagrima di *Giobbe* Durant 240. Fig.

*Lithospermum Arundinaceum Dalech.* Lugd. 1178. Fig. L. Arundan Diosc. & Plinij C. B. 258. 1. Phyt. 499. 5. *Lithosp. majus Trag.* 916. c. 140. *Lith.* Plinianum, *sive* majus, *Lachryma Job.* f. Christii *Ad.* 16. Fig.

*Milium Arundinaceum*, femine *Lithospermi* facie maximo durissimo *Hort.* Lugd.

Catri conda *Malab.* Len Camani *Bram.* Hort *Malab.* Vol. 12. Tab. 70. p. 133. Ray *H. Pl.* 1252. c. 11. an. Coix *Theophrast.* 1. 1. c. 16.

Lagrima de Moysen *Hisp.* Larmes de notre Dame *Narbon.* Marien trachen *Germ.* Jobs teares *Angl.*

Its said to grow wild in the *Islands* of *Rhodes* and *Candy*, I [have received it several times from the *East Indies*, but with us its only nurst in *Gardens*.

314. Tenne *Malab.*

*Panicum Malab.* esculentum, spica aristata e plurimis capitulis dense stipata.

S. B. 7. 314.

*Panicum Indicum* majus, feminibus, albicantibus *H. Ox.* f. 8. p. 188. 3.

H. Ox. f. 8.

p. 188. 3.

Tenna *Malab.* Varai *Bram.* *H. Mal.* V. 12. Tab. 79. p. 151.

H. Mal. v. 12.

Tab. 79. p. 151

The *Spike* of this is  $\frac{1}{2}$  a foot long, composed of several smaller *Spikes* or oblong *Heads*, set so close, that the whole *Spike* hardly seems divided, especially whilst young; these are full of small *aristæ*, each *Seed* is small and whitish, and has a large *fulca* or furrow on one side as in *Wheat* and *Barley*. With this *Seed* Mr *Brown* says they feed their *Birds* and the *Hort. Malab.* also affirms they are edible.

315. Ravana Mese *Malab.*

*Spartum Avenaceum* pumile *Malabaricum.*

S. B. 7. 315.

H. Mal. v.

*Gramen Spartium Madraspat.* majus crassioribus & brevioribus folijs *H. Ox.* f. 8. p. 217. 6. Ily mullu Hort *Malab.* V. 12. p. 143.

12. p. 143.

Tab. 75.

Tab. 75. where its Figure very well resembles this Specimen which grows about a Span high.

H. Ox. f. 8. p.

217. 6.

316. Tagata Corae *Malab.*

S. B. 7. 316.

H. Ox. f. 8.

*Juncus stellatus Madraspatanus* capitulis conoidibus squamosis *Cyperus Madraspat.* capite ex spicis plurimis in cacumine caulis glomerato *H. Ox.* 1. 8. p. 238. pl. 36.

p. 238. pl. 36.

Pluk. Tab.

300. Fig. 7.

Alm. Bot.

*num* capite ex spicis plurimis acuminatis in cacumine caulis glomerato *Pluk.* Tab. 300. Fig. 7. *Alm. Bot.* 175. pl. 5.

175. pl. 5.

To



To these we add the following Shells, which the Reverend Dr George Lewis sent me very lately from Fort St George.

S. B. 7. 1.  
List. H. C. L. 3.  
Tab. 179.

1. *Pecten MADRASPATANUS inequalis albus, nebulis aspersis.* an *Pecten variegatus*, strijs circiter 18 majusculis donatus. *List. Hist. Conchyl. Lib. 3. Tab. 179. Fig. 16.* This is a white Schallop with brown Chestnut Clouds, is pretty round, being as broad as long, viz.  $1\frac{1}{2}$  inch, its Ears  $\frac{3}{4}$  broad unequal, viz. one bigger then the other, its composed of about 18 Striæ as Dr Lister is.

S. B. 7. 2.  
List. H. C. L. 3.  
Tab. 232.

2 *Mytulus striatus MADRASPAT. angustus.*

This Shell is sometimes near 2 inches long, the hing of which is 1 and  $\frac{1}{4}$ , its oblong, but rounder at the nose end, and more pointed at the other, it seems to be that which Dr Lister has figured without any Name, in his 3d Book Tab. 232. at No 66, weighs something less then a Dram.

Under the denomination of *Mytulus* I rank such Shells as have a long hing with many small furrows, and are somewhat Oval. These Dr Lister in his *Hist. Conchyl. Lib. 3. Sect. 2. cap. 1.* Figures under the Title of *Pectunculi polyleptoginglymi margine ex altera parte productiore.*

S. B. 7. 3.

3. *Mytulus striatus MADRASPAT. latus.*

A Shell of 1 inch and  $\frac{1}{4}$  long,  $1\frac{1}{4}$  broad from the hing, which is 1 long, its very like the last but much wider, it weighs better then a Dram.

S. B. 7. 4.  
List. H. C. L. 3.  
Tab. 310. Fig. 146.

4. *Pectunculus Madraspatan. variegatus crassus, strijs lateralibus.* an *Pectunculus ex rufo variegatus, strijs tenuibus* *List. H. C. L. 3. Tab. 310. Fig. 146.*

This is thick and round, its an inch and  $\frac{1}{4}$  from the Hing to its opposite side, and 2 inches from end to end, its marbled with brown, the peculiarity of this Shell, is its striæ in the middle from the back to each side. This weighed 3ß & 3ij, but they differ according to their bigness.

S. B. 7. 5.  
List. H. C. L. 3.  
Tab. 320. Fig. 146.

5. *Pectunculus Madraspatan. crassus, vulgaris facie, maculis croceis.* an *Pectunculus maculatus majoribus strijs conspicuus* *List. H. C. L. 3. Tab. 320. Fig. 146.* This has the face and magnitude of our Common small edible Cockle, but much stronger, thicker and spotted with yellow. Some of these weigh above 3i.